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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/812,083	03/30/2004	Richard Parsons	071469-0306000	3006
909	7590	06/07/2006	EXAMINER	
PILLSBURY WINTHROP SHAW PITTMAN, LLP			KIM, AHSHIK	
P.O. BOX 10500			ART UNIT	
MCLEAN, VA 22102			PAPER NUMBER	
			2876	

DATE MAILED: 06/07/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/812,083	Applicant(s) PARSONS, RICHARD	
	Examiner Ahshik Kim	Art Unit 2876	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 3/15/06 (Amendment).
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Amendment

1. Receipt is acknowledged of the amendment filed on March 15, 2006. Currently, claims
5 1-12 remain in the examination.

Specification

2. Applicant(s) are reminded to include the following in the next communication with
respect to the header(s) within the specification as following:

- 10 a) -- **Background of the Invention** --.
b) -- **Summary of the Invention** --.

Under Summary of the Invention, Applicant describes, in overview manner, the claimed
invention which would overcome deficiencies or drawbacks the prior art.

- Appropriate correction is required. Please see the format of US 5,389,769 or other cited
15 references.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the
basis for the rejections under this section made in this Office action:

20 A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on
sale in this country, more than one year prior to the date of application for patent in the United States.

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4. Claims 1-5 and 9-12 are rejected under 35 U.S.C. 102(b) as being anticipated by Yamashita et al. (US 5,389,769, hereinafter "Yamashita").

Re claims 1, 9, 11, and 12, Yamashita discloses a method of attaching an identification tag 30A and 30B to the part 10 of a semiconductor processing tool 1 (see figures 1A and 9; also
5 see abstract). As shown in figure 1A, identification tag 30A is placed in a shallow cup/indent receiving the tag (col. 3, lines 65+). Each identification tag, having different identification number responds to different frequency.

Re claims 2 and 4, the tag is integrated to the cup with resin (col. 3, lines 65+).

Re claim 3, in another embodiment, the ID can be embodied with a barcode or other label
10 type which can be attached and detached (col. 2, lines 13+).

Re claim 5, the ID chip communicates with a fixed station utilizing a radio frequency (col. 2, lines 47+; col. 3, lines 22-32; col. 4, lines 7+)

Re claim 10, the space created by container 10 is a processing chamber (col. 4, lines 1+).

15

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

20

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 6-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yamashita et
25 al. (US 5,389,769).

Re claims 6-8, Yamashita does not use the term “coil”, however, as illustrated in figure 2, the ID tag 30A communicates with a fixed station 20. The fixed station is comprised of a modulating circuit 25, demodulating circuit 22 and signal transmitting and receiving antenna 21. The ID tag 30A is comprised of the antenna receiving from and transmitting to the fixed station.

5 The antenna may be a loop antenna (col. 4, lines 10). The loop antenna can certainly be considered a coil to one ordinary skill in the art. As further shown in figure 8, the semiconductor processing facility has more than one processing device since they are identifiable (otherwise, there’s no need to identify) (col. 2, lines 31-46; col. 4, lines 25+)

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Response to Arguments

7. Applicant’s amended claims and remarks filed on March 15, 2006 have been carefully reviewed and considered. However, it is the Examiner’s opinion that the Yamashita patent still disclosed what Applicant claims in the instant application.

15 The ID module 30A and 30B receive an electromagnetic wave from the station (col. 6, lines 30+). The received signal is demodulated, and the signal is compared to the ID number of the ID module 30A (col. 4, lines 25-47). When the comparison is positive – a match, then the signal is sent back to the station. Although Yamashita does not use the term “dip” or “creates a measurable dip”, it is the Examiner’s opinion that amended portion of the claims amount to the authentication process of the Yamashita patent. Examiner also notes that “dip” is only disclosed
20 in the pending claims of the instant application. Accordingly, without further support of the dip in the specification, it is difficult how to interpret “dip” other than authentication process of the Yamashita. Accordingly, Yamashita reads on the pending claims. It can certainly interpreted in

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a way that when ID number 1 is called from the station, the “dip” or match only occurs in the ID number 1. In all other ID tags, “dip” or match is not present.

The amended claims and remarks describing these elements have been fully considered, but they are not persuasive, and therefore, the Examiner has made this Office Action final.

5

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE
10 MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37
CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,
15 however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ahshik Kim whose telephone number is (571)272-2393. The examiner can normally be reached between the hours of 6:00AM to 3:00PM Monday thru
20 Friday. The fax number directly to the Examiner is (571)273-2393.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Lee, can be reached on (571)272-2398. The fax phone number for this Group is (703)872-9306.

Communications via Internet e-mail regarding this application, other than those under 35
25 U.S.C. 132 or which otherwise require a signature, may be used by the applicant and should be addressed to [ahshik.kim@uspto.gov].

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All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0956.



Ahshik Kim
Primary Examiner
Art Unit 2876
May 26, 2006